

CLAIMS

I CLAIM:

1. An improved method of making macroreticular resin beads,
said improvement comprising: steam stripping porogen from said
resin beads under vacuum.
2. The method of claim 1 further comprising diluting to remove
process aids from a mother liquor comprising said resin beads prior
to said steam stripping.
3. The method of claim 1 further comprising maintaining a
temperature below a polymerization temperature using said
vacuum.
4. The method of claim 1 in which said process aids are selected
from the group consisting of soaps, salts, and dispersion agents.
5. The method of claim 1 in which said resin is an adsorbent
resin.
6. The method of claim 5 in which said method is free of the use
of animal derived products.
7. A resin made using the improved method of claim 1.
8. A downstream product made utilizing the resin of claim 7 in
a manufacturing process to make said product.
9. The downstream product of claim 8 which is a drug or
precursor thereof.

10. The downstream product of claim 9 in which said drug or precursor thereof is selected from the group consisting of cephalosporin C and insulin.

11. An improved method of making resin beads, said improvement comprising: removing processing aids from a mother liquor by continuously diluting said mother liquor with a diluent such that said processing aids are removed from said resin beads without clogging a filter.

12. An improved method of making macroreticular resin beads, said improvement comprising: stripping porogen from said resin beads below a temperature of deformation of said resin beads using a vacuum.